WHAT IS CLAIMED IS:

1.   A method for providing data applications for a mobile device through an integrated communication server of a private network, comprising:

receiving an unsolicited message in an external format from an external data source for the mobile device;

converting the unsolicited message from the external format to an internal format; and

providing the unsolicited message in the internal format to the mobile device.

2.   The method of Claim 1, the internal format comprising extensible markup language.

3.   The method of Claim 1, further comprising:

receiving a response message in the internal format from the mobile device for the external data source, the response message based on the unsolicited message;

converting the response message from the internal format to the external format; and

providing the response message in the external format to the external data source.

4.   The method of Claim 3, the internal format comprising extensible markup language.

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5.   A method for providing data applications for a mobile device through an integrated communication server of a private network, comprising:

        receiving a request message in an internal format from the mobile device for an external data source;

5   converting the request message from the internal format to an external format; and

        providing the request message in the external format to the external data source.

10   6.   The method of Claim 5, the internal format comprising extensible markup language.

        7.   The method of Claim 5, further comprising:

        receiving a response message in the external format from the external

15   data source for the mobile device, the response message based on the request message;

        converting the response message from the external format to the internal format; and

        providing the response message in the internal format to the mobile

20   device.

        8.   The method of Claim 7, the internal format comprising extensible markup language.

9.   A system for providing data applications for a mobile devices through an integrated communication server of a private network, comprising:

a computer-processable medium; and

logic stored on the computer-processable medium, the logic operable
to receive an external message in an external format from an external data source for the mobile device, to convert the external message from the external format to an internal format, and to provide the external message in the internal format to the mobile device.

10.   The system of Claim 9, the internal format comprising extensible markup language.

11.   The system of Claim 9, the logic further operable to receive an internal message in the internal format from the mobile device for the external data source, to convert the internal message from the internal format to the external format, and to provide the internal message in the external format to the external data source.

12.   The system of Claim 11, the internal format comprising extensible markup language.

13.   A integrated communication server of a private network operable to provide data applications for a mobile device, the server comprising an external data publisher operable to convert incoming data in one of a plurality of external formats into incoming data in an internal format.

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14.   The server of Claim 13, the external data publisher further operable to receive the incoming data in the external format from an external data source, the external format for the incoming data based on the external data source.

10   15.   The server of Claim 14, the external data publisher further operable to send the incoming data in the internal format to the mobile device.

16.   The server of Claim 13, the external data publisher further operable to convert outgoing data in the internal format into outgoing data in one of the external

15   formats, the external format for the outgoing data based on a corresponding external data source operable to receive the outgoing data.

17.   The server of Claim 16, the external data publisher further operable to receive the outgoing data in the internal format from the mobile device.

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18.   The server of Claim 17, the external data publisher further operable to send the outgoing data in the external format to the corresponding external data source.

25   19.   The server of Claim 13, the external data publisher further operable to implement an abstraction of each of the external formats.

20.   The server of Claim 19, the external data publisher further operable to provide an interface for each of a plurality of external data sources, each external data

30   source corresponding to one of the external formats, each of the interfaces decoupled from the abstraction of the corresponding external format.

21.   A method for providing data applications for a mobile device through an integrated communication server of a private network, comprising:

receiving an unsolicited message in an external format from an external data source for the mobile device;

converting the unsolicited message from the external format to an internal format, the internal format comprising extensible markup language;

providing the unsolicited message in the internal format to the mobile device;

receiving a first response message in the internal format from the mobile device for the external data source, the first response message based on the unsolicited message;

converting the first response message from the internal format to the external format;

providing the first response message in the external format to the external data source;

receiving a request message in an internal format from the mobile device for an external data source;

converting the request message from the internal format to an external format;

providing the request message in the external format to the external data source;

receiving a second response message in the external format from the external data source for the mobile device, the second response message based on the request message;

converting the second response message from the external format to the internal format; and

providing the second response message in the internal format to the mobile device.